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EXAMINER
ROMANO, JOHN J

ART UNIT	PAPER NUMBER
2192	

DATE MAILED: 04/05/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	10/083,489	TONOMURA, MASAKI
	Examiner	Art Unit	
	John J. Romano	2192	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *10 January 2006*.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-12,15 and 16* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-12,15 and 16* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date *12/06/2005*.

4)☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____ .

DETAILED ACTION

Remarks

1.   Applicant's amendment and response received January 10th, 2006, responding to

the October 10th, 2005, Office action provided in the rejections of claims 1-15, wherein

claims 1-12 are amended, claims 13 and 14 cancelled, and new claim 16 added.

Claims 1-12 and 15-16 remain pending in the application and which have been fully

considered by the examiner.

Applicant arguing for the claims being patentable over *Weinberg* (see pages 7-9

of the amendment and response) primarily based on assertions on pages 7-8, where

applicant contends that independent claims 1, 9 and 11 are not anticipated by *Weinberg*

and arguments pertaining to the dependent claims are not persuasive, as will be

addressed under Prior Art's Arguments – Rejections section at item 2 and the claim

rejections below. Accordingly, Applicants' arguments necessitated additional

clarifications, in light of the rejection of the claims over prior art provided in the previous

Office action, to further point out that *Weinberg* discloses as such claimed limitations.

Thus, the rejection of the claims over prior art in the previous Office action is maintained

in light of the necessitated additional clarifications provided hereon and **THIS ACTION**

IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37

CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the mailing date of this final action.

Prior Art's Arguments – Rejections

2.   Applicant's arguments filed January 10th, 2006, in particular on pages 7-8, have

been fully considered but they are not persuasive. For example,

(A) In regard to the argument that *Weinberg* is in contrast to "generating

candidate data", (page 7, fifth paragraph of the amendment and response) and as the

instant application has recited and/or indicated in claims 1, 9 and 11, the examiner

respectfully disagrees. While, the examiner agrees that *Weinberg* does teach using a

user entering data, this does not preclude Weinberg from reading on the claim

language. The plain language of the claim merely recites "the test assisting program"

as "<u>enabling</u> a computer to carry out a process", emphasis added. The term "enabling"

is interpreted as allowing the process to happen as opposed to the interpretation of the

"computer generating candidate data" as alleged by Applicant (page 7, fifth paragraph

of the amendment and response). Therefore, Weinberg discloses a test assisting

program which enables (allows) candidate data to be generated and is not in contrast

with the present invention. Thus, Examiner maintains the rejections to independent

claims 1, 9 and 11 as addressed above and rejected below.

(B) As to dependent claim 2, the Examiner reasserts and maintains the rejection

as addressed above in section (A) with respect to Applicants' argument (page 8, third

paragraph of the response), that "Weinberg merely discloses generating nodes, not

data pertaining to attribute information". Moreover, with respect to Applicants' argument

that *Weinberg* does not teach "wherein the step of generating the candidate data

comprises a step of generating data matching the attribute information and data not

matching the attribute information", Examiner reasserts the rejection from the previous

office action wherein *Weinberg* discloses a result of True if the data matches and a

result of Not true if it does not. Thus, the rejection of claim 2 is maintained by the

Examiner.

3.   (C) Applicant's remaining arguments have been considered but are moot in view

of the new ground(s) of rejection.

Claim Rejections

Claims **1-12** and **15-16**, are pending in this action.

Claim Rejections - 35 USC § 112

4.   The following is a quotation of the second paragraph of 35 U.S.C. 112:

> The specification shall conclude with one or more claims particularly pointing out and distinctly
> claiming the subject matter which the applicant regards as his invention.

5.   A broad range or limitation together with a narrow range or limitation that falls

within the broad range or limitation (in the same claim) is considered indefinite, since

the resulting claim does not clearly set forth the metes and bounds of the patent

protection desired. See MPEP § 2173.05(c). Note the explanation given by the Board

of Patent Appeals and Interferences in *Ex parte Wu*, 10 USPQ2d 2031, 2033 (Bd. Pat.

App. & Inter. 1989), as to where broad language is followed by "such as" and then

narrow language. The Board stated that this can render a claim indefinite by raising a

question or doubt as to whether the feature introduced by such language is (a) merely

exemplary of the remainder of the claim, and therefore not required, or (b) a required

feature of the claims. Note also, for example, the decisions of *Ex parte Steigewald*, 131

USPQ 74 (Bd. App. 1961); *Ex parte Hall*, 83 USPQ 38 (Bd. App. 1948); and *Ex parte

Hasche*, 86 USPQ 481 (Bd. App. 1949). In the present instance, claim **16** recites the

broad recitation "substantially", and the claim also recites "immediately" which is the

narrower statement of the range/limitation.

Claim Rejections - 35 USC § 103

        The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

6.   Claims **1-4, 9-12** and **15-16** are rejected under 35 U.S.C. 103(a) as being

unpatentable over Weinberg et al., US 6,587,969 B1 (hereinafter **Weinberg**) in view of

Renner et al., US 6,993,657 (hereinafter **Renner**).

        In regard to claims **1**, **9** and **11 Weinberg** discloses:

-        "...*computer readable medium storing*...", (E.g., see Column 6, lines 1-

        15), wherein data is stored and read.

-        "... *for assisting in testing operation of a server computer which*

        provides services using a structured document which can be browsed

        by a document browsing device, the test assisting program enabling a

        computer to carry out a process comprising steps of...", (E.g., see

        Figure 6C & Column 2, lines 23-35), wherein the testing tool comprises

        a test assisting program and the structured documents are the

        programs for the web pages displayed by the web browser.

-        "...*acquiring attribute information of a data input area of the structured*

        document upon reception of the structured document from the server

        computer ...", (E.g., see Figure 6C & Column 21, lines 35-46), wherein

        the data to be entered would comprise attribute type or information for

        the input to the structured document from the server.

-        "... *generating candidate data for data to be inputted into the data input*

        area based on the attribute information of the data input area ...", (E.g.,

        see Figure 8 & Column 21, line 46 – Column 22, line 7), wherein the

        data references associated with the function call, associated with data

tables in the input/output data library, are generated and (Column 2, lines 53-56), wherein "An important benefit of this feature is that it allows the user to *generate* and edit tests...".

- "... *inserting a processing description ...for enabling the document browsing device to carry out a process of displaying the candidate data and a process of entering the candidate data selected by an operation input into the data input area, in the structured document...*", (E.g., see Figure 3B & Column 19, lines 32-52), wherein the loop object provides instructions for input data to the browser to display a structured document or view of a webpage.

- "... *transferring the structured document with the processing description inserted therein to the document browsing device.*", (E.g., see Figure 6C & Column 22, lines 22-36), wherein the testing tool is the processing description to test a structured document and is shown in Figure 6C being communicated to a server, thus transferred.

But **Weinberg** does not expressly disclose "... *the attribute information being defined in the structured document by using a first tag and parameters thereof, the input area being defined in the structured document by using a second tag and parameters thereof, the first and second tags sharing a common parameter value...*" or "... *into the structured document by using a third tag...*". However, **Renner** discloses:

- "... *the attribute information being defined in the structured document by using a first tag and parameters thereof...*", (E.g., see Figure 6C &

Column 21, lines 35-46), wherein the data (name) to be entered would

comprise attribute value of the component used and that data provided

(name) relates to the second tag describing the individual component .

The first tag is the template used to hold the input name required (E.g.,

see Table 1B, line 9) and the second tag defines the input area (E.g.,

see Column 29, Table 2, lines 21-24

- "...*the input area being defined in the structured document by using a*

  second tag and parameters thereof, the first and second tags sharing a

  common parameter value...", (E.g., see Figure 6C & Column 21, lines

  35-46), wherein the data (name) to be entered would comprise

  attribute value of the component used and that data provided (name)

  relates to the second tag describing the individual component . The

  first tag is the template used to hold the input name required (E.g., see

  Column 27, Table 1B, line 9) and the second tag defines the input area

  (E.g., see Column 29, Table 2, lines 21-24.

- "...*the first and second tags sharing a common parameter value*...",

  (E.g., see Column 27, Table 1B, lines 1-13), wherein a default common

  value is given until a developer optionally adjusts the value at a later

  time.

- "... *into the structured document by using a third tag*...", (E.g., see

  Column 29, Table 2, line 5), wherein a third tag in the structured

  document involves a processing description.

Weinberg and Renner are analogous art because they are both concerned with the same field of endeavor, namely, managing a web server. Therefore, at the time the invention was made, it would have been obvious to a person of ordinary skill in the art to combine first, second and third tags in a structured document with Weinbergs' testing method and display. The motivation is disclosed by Weinberg, "The expert mode allows the user to...make modifications to the text. The user can thereby create functions and queries that may not be part of the automated features of the test to provide a higher level of test customization", (Column 20, lines 7-11). Additionally, the "custom" tags disclosed by Renner above (E.g., see Table 2) would have further motivated a person of ordinary skill in the art to modify by creating custom tags as shown.

In regard to claim 2, the rejections of base claim 1 are incorporated. Furthermore, Weinberg discloses:

- "... *generating data matching the attribute information and data not matching the attribute information.*", (E.g., see Figure 4A & Column 15, lines 15-34), wherein the result is "TRUE" if the data matches or "NOT TRUE" if it does not.

In regard to claims 3, 10 and 12 Weinberg discloses:

- "... *determining details of an operation input for requesting the server computer to carry out a process when the operation input is applied to the document browsing device...*", (E.g., see Table 2 & Column 9 – Column 10), wherein the "Submit Data" step comprises input data

submitted to the server and "Text check", "Image Check" and "Applet

Check" perform processes with the applied input.

- "*... generating a log file in which the determined details of the*

  operation input are recorded...", (E.g., see Figure 7 & Column 23, lines

  11-19), wherein a log file is generated from the test results.

- "*... reproducing the operation input applied to the document browsing*

  device according to the details of the operation input which are

  recorded in the log file.", (E.g., see Figure 10 & Column 24, lines 45-

  51), wherein the spreadsheet location may be the test results recorded

  in the log file.

In regard to claim **4**, the rejections of base claim **3** are incorporated.

Furthermore, **Weinberg** discloses:

- "*... an object to be operated on is displayed in highlight for a*

  predetermined period of time when the operation input is reproduced.",

  (E.g., see Column 16, lines 44-46), wherein when the test is played

  back or reproduced and the corresponding objects or steps are

  highlighted. The predetermined time period is the duration of the

  execution of that particular step.

In regard to claims **9** and **10**, they are system versions of the process of claims **1**

and **3** respectively. Therefore, the limitations of claims **9** and **10** are met accordingly.

In regard to claims **11** and **12**, they are apparatus versions of the process of

claims **1** and **3** respectively. Therefore, the limitations of claims **11** and **12** are met

accordingly.

In regard to claim **15**, Weinberg discloses:

- *"A method for testing operation of a server computer from a browsing*

  computer, comprising: acquiring information of a data input area upon

  reception of a document from the server computer ...", (E.g., see

  Figure 6C & Column 21, lines 35-46), wherein the data to be entered

  would comprise attribute type or information for the input to the

  structured document from the server.

- *"... generating candidate data for data to be inputted into the data input*

  area based on the acquired information.", (E.g., see Figure 8 & Column

  21, line 46 – Column 22, line 7), wherein the data references

  associated with the function call, associated with data tables in the

  input/output data library, are generated and (Column 2, lines 53-56),

  wherein "An important benefit of this feature is that it allows the user to

  generate and edit tests...".

In regard to claim **16**, Weinberg does not expressly disclose "...*wherein the*

inserting operation inserts the processing description substantially immediately after the

second tag defining the data input area, such that the candidate data will be associated

with the data input area." However, it would have been obvious to one of ordinary skill

in the art at the time the invention was made to insert the processing description after

the second tag defining the data input are, such that the candidate data will be associated with the data input area. It is old and well known in the art to further define information in a structured document with subsequent tags. Further motivation would have been that it is old and well known in the art that structured documents are a hierarchical data structure that has a sequence of tags defining data.

7.   Claims **5** and **6** are rejected under 35 U.S.C. 103(a) as being unpatentable over **Weinberg** in view of obviousness.

In regard to claim **5**, the rejections of base claim **4** are incorporated. But **Weinberg** does not expressly disclose "...the operation input is prevented from being reproduced until the display in highlight of the object to be operated on is finished.". However, it would have been obvious to one of ordinary skill in the art, at the time the invention was made, to prevent the next operation or input operation from being performed until the previous step or decision was completed or confirmed. The motivation to do so would have been to complete an iteration of the test before entering another input to begin another iteration. This would be consistent with certain testing phases of a web browser as it is often beneficial to test one thing at a time. Therefore, at the time the invention was made, it would have been obvious to a person of ordinary skill in the art to prevent an input operation form being reproduced until the highlighted display of a step or object is finished.

In regard to claim **6**, the rejections of base claim **3** are incorporated. Furthermore, **Weinberg** discloses:

- *"...wherein when a process result is returned from the server computer due to the reproduced operation input, the test assisting program enables the computer to compare the process result and a past process result returned from the server computer due to the operation input..."*, (E.g., see Figures 5C-E & Column 19, lines 12-31), wherein the output of the test and verify expression or comparison definition are returned due to the input.

But **Weinberg** does not expressly disclose *"...and display a difference between the compared process results."*. However, it would have been obvious to one of ordinary skill in the art, at the time the invention was made, to customize the comparison by displaying the difference if appropriate. The motivation is disclosed by **Weinberg,** "The expert mode allows the user to...make modifications to the text. The user can thereby create functions and queries that may not be part of the automated features of the test to provide a higher level of test customization.", (Column 20, lines 7-11). Thus, if a display of the difference would be beneficial the suggestion to customize the function was evident. Therefore, at the time the invention was made, it would have been obvious to a person of ordinary skill in the art to customize the display to incorporate the difference of the compared results.

8.   Claim **7** is rejected under 35 U.S.C. 103(a) as being unpatentable over **Weinberg** in view of Dantressangle, US 6,446,120 B1 (hereinafter **Dantressangle**).

In regard to claim **7**, the rejections of base claim **3** are incorporated. But **Weinberg** does not expressly disclose "...*to measure a time from a decision in the operation input for requesting the server computer to carry out the process until a process result is returned from the server computer, and display the measured time.*". However, **Dantressangle** discloses:

- "...*to measure a time from a decision in the operation input for requesting the server computer to carry out the process until a process result is returned from the server computer, and display the measured time.*", (E.g., see Figure 7 & Column 8, lines 41-60), wherein a timer function is used to provide a report or display the measured time.

Weinberg and **Dantressangle** are analogous art because they are both concerned with the same field of endeavor, namely, testing a web server. Therefore, at the time the invention was made, it would have been obvious to a person of ordinary skill in the art to combine a measured time with **Weinbergs'** testing method and display. The motivation is disclosed by **Weinberg,** "The expert mode allows the user to...make modifications to the text. The user can thereby create functions and queries that may not be part of the automated features of the test to provide a higher level of test customization.", (Column 20, lines 7-11).

9.   Claim **8** is rejected under 35 U.S.C. 103(a) as being unpatentable over **Weinberg** in view of Gough et al., US 6,072,489, (hereinafter **Gough**).

In regard to claim **8**, the rejections of base claim **3** are incorporated. But **Weinberg** does not expressly disclose "...*to render translucent an operation view for entering the operation input and display the translucent operation view.*". However, **Kake** discloses:

- "...*to render translucent an operation view for entering the operation input and display the translucent operation view.*", (E.g., see Figure 3b & Column 3, line 66- Column 4, line 5), wherein two objects are overlapped making them translucent for entering data input.

Weinberg and **Gough** are analogous art because they are both concerned with the same field of endeavor, namely, a program, which gathers information and displays them in a window viewing environment. Therefore, at the time the invention was made, it would have been obvious to a person of ordinary skill in the art to combine a translucent display with **Weinbergs** testing method and display. The motivation is disclosed by **Weinberg**, "The expert mode allows the user to...make modifications to the text. The user can thereby create functions and queries that may not be part of the automated features of the test to provide a higher level of test customization.", (Column 20, lines 7-11).

10.   Claims **1-3, 7, 9-12** and **15-16** are rejected under 35 U.S.C. 103(a) as being unpatentable Muraishi et al., US 2001/0028359 A1 (hereinafter **Muraishi**) in view of **Renner**.

In regard to claims **1, 9** and **11, Muraishi** discloses:

-   "...*computer readable medium storing*...", (E.g., see Figure 12),

    wherein a computer readable medium is stored.

-   "*... for assisting in testing operation of a server computer which*

    provides services using a structured document which can be browsed

    by a document browsing device, the test assisting program enabling a

    computer to carry out a process comprising steps of...", (E.g., see

    Figure 1 & Page 3, Paragraph [0053]), wherein the structured

    document is the screen program and the document browsing device is

    the GUI.

-   "*... acquiring attribute information of a data input area of the structured*

    document upon reception of the structured document from the server

    computer ...", (E.g., see Figure 4 & Page 3, Paragraph [0060] and

    [0086]), wherein a server environment is disclosed.

-   "*... generating candidate data for data to be inputted into the data input*

    area based on the attribute information of the data input area ...", (E.g.,

    see Figure 4 & Page 3, Paragraph [0062]), wherein the input data file

    is the candidate data and is based on the screen definition information

    or attribute information.

-   "*... inserting a processing description for enabling the document*

    browsing device to carry out a process of displaying the candidate data

    and a process of entering the candidate data selected by an operation

input into the data input area, in the structured document...", (E.g., see

Figure 3 & Page 3, Paragraph [0064] and [0066]).

- *"... transferring the structured document with the processing*

description inserted therein to the document browsing device.", (E.g.,

see Page 5, Paragraph [0086]), wherein it is inherent that in a server

environment data is transferred.

But **Murashi** does not expressly disclose "... *the attribute information being*

defined in the structured document by using a first tag and parameters thereof, the input

area being defined in the structured document by using a second tag and parameters

thereof, the first and second tags sharing a common parameter value..." or "... *into the*

structured document by using a third tag...". However, **Renner** discloses:

- *"... the attribute information being defined in the structured document*

by using a first tag and parameters thereof...", (E.g., see Figure 6C &

Column 21, lines 35-46), wherein the data (name) to be entered would

comprise attribute value of the component used and that data provided

(name) relates to the second tag describing the individual component.

The first tag is the template used to hold the input name required (E.g.,

see Table 1B, line 9) and the second tag defines the input area (E.g.,

see Column 29, Table 2, lines 21-24

- *"...the input area being defined in the structured document by using a*

second tag and parameters thereof, the first and second tags sharing a

common parameter value...", (E.g., see Figure 6C & Column 21, lines

35-46), wherein the data (name) to be entered would comprise

attribute value of the component used and that data provided (name)

relates to the second tag describing the individual component . The

first tag is the template used to hold the input name required (E.g., see

Column 27, Table 1B, line 9) and the second tag defines the input area

(E.g., see Column 29, Table 2, lines 21-24.

- "...*the first and second tags sharing a common parameter value*...",

    (E.g., see Column 27, Table 1B, lines 1-13), wherein a default common

    value is given until a developer optionally adjusts the value at a later

    time.

- "... *into the structured document by using a third tag*...", (E.g., see

    Column 29, Table 2, line 5), wherein a third tag in the structured

    document involves a processing description.

Murashi and **Renner** are analogous art because they are both concerned with

the same field of endeavor, namely, managing a web server. Therefore, at the time the

invention was made, it would have been obvious to a person of ordinary skill in the art to

combine first, second and third tags in a structured document with **Weinbergs'** testing

method and display. The motivation is disclosed by **Renner** as the "custom" tags

disclosed by Renner above (E.g., see Table 2) would have motivated a person of

ordinary skill in the art to modify by creating custom tags as shown.

In regard to claim **2**, the rejections of base claim **1** are incorporated.

Furthermore, **Muraishi** discloses:

- "... *generating data matching the attribute information and data not matching the attribute information.*", (E.g., see Figure 9 & Page 4, Paragraph [0078]), wherein both cases are disclosed.

In regard to claim **15**, Muraishi discloses:

- "*A method for testing operation of a server computer from a browsing computer, comprising: acquiring information of a data input area upon reception of a document from the server computer ...*", (E.g., see Figure 4 & Page 3, Paragraph [0060] and [0086]), wherein a server environment is disclosed.

"... *generating candidate data for data to be inputted into the data input area based on the acquired information.*", (E.g., see Figure 4 & Page 3, Paragraph [0062]), wherein the input data file is the candidate data and is based on the screen definition information or attribute information.

In regard to claims **3, 10** and **12 Muraishi** discloses:

- "... *determining details of an operation input for requesting the server computer to carry out a process when the operation input is applied to the document browsing device...*", (E.g., see Figure 10 & Page 4, Paragraph [0080]), wherein input information or details are embedded in a input area of a screen program or browsing device.

- "... *the determined details of the operation input are recorded...*", (E.g., see Figure 5 & Page 3, Paragraph [0066]), wherein the test results are recorded.

- "... *reproducing the operation input applied to the document browsing*

  device according to the details of the operation input which are

  recorded.", (E.g., see Figure 5 & Page 3, Paragraph [0066]), wherein

  the execution result of the previous test results are used and recorded.

But **Muraishi** does not expressly disclose a "...log file.". However, it would have

been obvious to one of ordinary skill in the art, at the time the invention was made, to

save the execution data in a log file. The motivation to do so would have been to use

the results for another test as disclosed by **Muraishi** (Page 3, Paragraph [0066]).

Therefore, at the time the invention was made, it would have been obvious to a person

of ordinary skill in the art to save the data in a log file.

In regard to claim **7**, the rejections of base claim **3** are incorporated.

Furthermore, **Muraishi** discloses:

- "...to measure a time from a decision in the operation input for

  requesting the server computer to carry out the process until a process

  result is returned from the server computer, and display the measured

  time....", (E.g., see Figures 30 & Page 7, Paragraph [0120])), wherein

  the output of the time measurement is disclosed.

In regard to claim **16**, **Muraishi** does not expressly disclose "...*wherein the*

inserting operation inserts the processing description substantially immediately after the

second tag defining the data input area, such that the candidate data will be associated

with the data input area." However, it would have been obvious to one of ordinary skill

in the art at the time the invention was made to insert the processing description after

the second tag defining the data input are, such that the candidate data will be associated with the data input area. It is old and well known in the art to further define information in a structured document with subsequent tags. Further motivation would have been that it is old and well known in the art that structured documents are a hierarchical data structure that has a sequence of tags defining data.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John J. Romano whose telephone number is (571) 272-3872. The examiner can normally be reached on 8-5:30, M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam can be reached on (571) 272-3695. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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